

CERTIFICATE OF ANALYSIS

Product Name: Animal Membrane and Cytosol Protein Extraction Kit
Cat.No: BF7475-10
Lot.No: A11120
Production Date: 01/13/2025
Expiry Date: 01/13/2026
Storage Temperature: Store Cell Permeabilization Buffer and Solubilization Buffer at -20°C to avoid freeze/thaws.
Store Cell Wash Solution at 4°C.

| Parameter | Specification | Result |
|-------------------|--|---|
| Visual appearance | Buffer A: colorless, transparent, free of particulates | Conforms |
| | Buffer B: light yellow, free of particulates | |
| | Buffer C: colorless, transparent, free of particulates | |
| Volume | Buffer A: 45-46ml | Conforms |
| | Buffer B: 10-11ml | |
| | Buffer C: 5-6ml | |
| Function test | Membrane proteins and cytosolic proteins were isolated from 5×10 ⁶ HEK293 cells following membrane and cytosol protein extraction kit protocol. GAPDH and Caveolin-1 were analyzed by Western blot. | GAPDH was detected in cytosolic extract while not in membrane extract, and Caveolin-1 was detected in membrane extract while not in cytosolic extract |

Quality authorized by:

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